

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

South Atlantic	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Energy Consumption															
Residential															
Distillate Fuel	0.086	0.088	0.091	0.081	0.078	0.077	0.076	0.075	0.074	0.073	0.072	0.070	0.068	0.067	0.064
Kerosene	0.025	0.029	0.029	0.031	0.030	0.030	0.029	0.029	0.029	0.028	0.028	0.027	0.027	0.026	0.026
Liquefied Petroleum Gas	0.086	0.089	0.089	0.087	0.088	0.090	0.091	0.093	0.095	0.096	0.098	0.099	0.101	0.103	0.104
Petroleum Subtotal	0.197	0.206	0.208	0.199	0.195	0.196	0.197	0.197	0.197	0.198	0.197	0.197	0.196	0.195	0.194
Natural Gas	0.490	0.475	0.493	0.502	0.512	0.526	0.537	0.549	0.562	0.575	0.584	0.594	0.606	0.619	0.628
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Renewable Energy 1/	0.060	0.060	0.064	0.066	0.065	0.065	0.064	0.063	0.063	0.063	0.063	0.062	0.062	0.063	0.062
Electricity	1.091	1.124	1.165	1.183	1.208	1.242	1.270	1.300	1.328	1.359	1.383	1.410	1.439	1.470	1.494
Delivered Energy	1.840	1.866	1.931	1.951	1.982	2.031	2.069	2.111	2.151	2.196	2.227	2.265	2.305	2.348	2.379
Electricity Related Losses	2.136	2.133	2.200	2.214	2.195	2.227	2.266	2.307	2.285	2.323	2.323	2.342	2.380	2.428	2.475
Total	3.976	3.999	4.131	4.165	4.177	4.258	4.335	4.418	4.436	4.518	4.550	4.607	4.684	4.775	4.853
Commercial															
Distillate Fuel	0.083	0.088	0.092	0.082	0.082	0.083	0.085	0.086	0.087	0.088	0.089	0.090	0.091	0.091	0.092
Residual Fuel	0.009	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
Kerosene	0.005	0.006	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Liquefied Petroleum Gas	0.013	0.014	0.013	0.013	0.016	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.016
Motor Gasoline 2/	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Petroleum Subtotal	0.117	0.124	0.127	0.117	0.120	0.119	0.121	0.123	0.124	0.125	0.127	0.128	0.129	0.129	0.131
Natural Gas	0.373	0.348	0.355	0.348	0.355	0.365	0.374	0.383	0.395	0.406	0.416	0.426	0.436	0.447	0.456
Coal	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Renewable Energy 3/	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019
Electricity	0.901	0.932	0.966	0.984	1.018	1.055	1.089	1.122	1.156	1.190	1.223	1.255	1.289	1.323	1.358
Delivered Energy	1.420	1.434	1.477	1.478	1.522	1.568	1.614	1.657	1.704	1.751	1.795	1.838	1.883	1.928	1.974
Electricity Related Losses	1.764	1.768	1.823	1.842	1.850	1.892	1.944	1.991	1.989	2.034	2.054	2.085	2.130	2.186	2.250
Total	3.183	3.202	3.300	3.320	3.372	3.460	3.558	3.648	3.693	3.784	3.849	3.923	4.014	4.114	4.225
Industrial 4/															
Distillate Fuel	0.169	0.178	0.189	0.184	0.182	0.181	0.180	0.181	0.180	0.181	0.181	0.182	0.183	0.185	0.186
Liquefied Petroleum Gas	0.055	0.057	0.056	0.057	0.057	0.057	0.056	0.056	0.057	0.057	0.057	0.057	0.057	0.058	0.058
Petrochemical Feedstocks	0.154	0.169	0.165	0.168	0.169	0.169	0.168	0.168	0.168	0.169	0.170	0.170	0.170	0.171	0.172
Residual Fuel	0.098	0.109	0.120	0.082	0.080	0.078	0.077	0.079	0.075	0.075	0.078	0.076	0.075	0.075	0.076
Motor Gasoline 2/	0.057	0.058	0.058	0.058	0.058	0.058	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059
Other Petroleum 5/	0.335	0.347	0.334	0.337	0.340	0.344	0.343	0.346	0.344	0.345	0.347	0.347	0.351	0.352	0.356
Petroleum Subtotal	0.868	0.918	0.922	0.885	0.887	0.888	0.883	0.889	0.883	0.886	0.892	0.891	0.896	0.900	0.907
Natural Gas	0.571	0.600	0.568	0.590	0.606	0.614	0.624	0.626	0.635	0.640	0.643	0.649	0.654	0.662	0.667
Lease and Plant Fuel 6/	0.010	0.010	0.014	0.014	0.015	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.018	0.018	0.018
Natural Gas Subtotal	0.581	0.609	0.582	0.604	0.620	0.629	0.640	0.642	0.652	0.657	0.660	0.667	0.672	0.680	0.685
Metallurgical Coal	0.075	0.075	0.078	0.076	0.077	0.077	0.077	0.078	0.079	0.079	0.080	0.081	0.082	0.083	
Other Industrial Coal	0.274	0.285	0.283	0.285	0.288	0.288	0.288	0.289	0.289	0.289	0.289	0.288	0.289	0.289	0.289
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.032	-0.074	-0.047	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.010	-0.010	-0.010	-0.010	-0.010	-0.010
Coal Subtotal	0.317	0.286	0.314	0.349	0.353	0.353	0.354	0.355	0.356	0.357	0.357	0.358	0.359	0.361	0.362
Renewable Energy 7/	0.437	0.458	0.448	0.456	0.466	0.473	0.480	0.486	0.492	0.497	0.502	0.507	0.512	0.517	0.524
Electricity	0.569	0.581	0.585	0.588	0.591	0.593	0.594	0.599	0.606	0.612	0.616	0.622	0.628	0.634	0.642
Delivered Energy	2.771	2.852	2.850	2.883	2.917	2.936	2.950	2.970	2.988	3.009	3.028	3.044	3.068	3.092	3.121
Electricity Related Losses	1.113	1.101	1.105	1.102	1.074	1.064	1.061	1.062	1.042	1.046	1.035	1.032	1.037	1.048	1.064
Total	3.884	3.954	3.955	3.985	3.992	4.001	4.011	4.032	4.030	4.055	4.064	4.076	4.105	4.140	4.184

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
South Atlantic															
Transportation															
Distillate Fuel 8/	0.994	1.038	1.052	1.087	1.126	1.160	1.196	1.233	1.268	1.300	1.329	1.356	1.384	1.414	1.446
Jet Fuel 9/	0.333	0.343	0.343	0.353	0.366	0.375	0.386	0.400	0.413	0.421	0.428	0.435	0.442	0.449	0.458
Motor Gasoline 2/	3.341	3.403	3.414	3.453	3.547	3.631	3.719	3.807	3.882	3.951	4.018	4.088	4.161	4.229	4.305
Residual Fuel	0.077	0.082	0.089	0.090	0.089	0.088	0.087	0.086	0.087	0.087	0.088	0.088	0.089	0.090	0.090
Liquefied Petroleum Gas	0.004	0.005	0.008	0.008	0.009	0.010	0.010	0.011	0.012	0.013	0.013	0.014	0.014	0.015	0.015
Other Petroleum 10/	0.028	0.031	0.031	0.031	0.031	0.032	0.032	0.032	0.032	0.033	0.033	0.033	0.033	0.034	0.034
Petroleum Subtotal	4.778	4.902	4.937	5.022	5.167	5.295	5.431	5.569	5.694	5.804	5.909	6.015	6.124	6.231	6.348
Pipeline Fuel Natural Gas	0.056	0.056	0.071	0.069	0.068	0.068	0.067	0.066	0.069	0.070	0.072	0.074	0.076	0.077	0.078
Compressed Natural Gas	0.004	0.004	0.005	0.006	0.007	0.007	0.008	0.009	0.010	0.011	0.011	0.012	0.013	0.013	0.014
Renewable Energy (E85) 11/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Electricity	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.018	0.018	0.018	0.018	0.019	0.019	0.019
Delivered Energy	4.853	4.978	5.030	5.113	5.259	5.388	5.523	5.663	5.790	5.904	6.011	6.121	6.232	6.341	6.460
Electricity Related Losses	0.031	0.030	0.030	0.030	0.030	0.030	0.030	0.031	0.030	0.031	0.031	0.031	0.031	0.031	0.032
Total	4.884	5.009	5.060	5.144	5.289	5.418	5.554	5.694	5.821	5.934	6.042	6.151	6.263	6.372	6.492
Delivered Energy Consumption, All Sectors															
Distillate Fuel	1.333	1.393	1.424	1.434	1.467	1.501	1.538	1.575	1.610	1.642	1.671	1.699	1.727	1.757	1.789
Kerosene	0.031	0.037	0.036	0.040	0.038	0.038	0.037	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.034
Jet Fuel 9/	0.333	0.343	0.343	0.353	0.366	0.375	0.386	0.400	0.413	0.421	0.428	0.435	0.442	0.449	0.458
Liquefied Petroleum Gas	0.158	0.165	0.166	0.165	0.170	0.171	0.173	0.176	0.178	0.181	0.184	0.186	0.188	0.190	0.193
Motor Gasoline 2/	3.405	3.468	3.479	3.518	3.612	3.696	3.785	3.873	3.948	4.017	4.084	4.154	4.228	4.295	4.371
Petrochemical Feedstocks	0.154	0.169	0.165	0.168	0.169	0.169	0.168	0.168	0.168	0.169	0.170	0.170	0.170	0.171	0.172
Residual Fuel	0.183	0.201	0.219	0.180	0.178	0.174	0.172	0.174	0.170	0.171	0.175	0.173	0.173	0.174	0.175
Other Petroleum 12/	0.361	0.376	0.362	0.365	0.369	0.374	0.373	0.376	0.374	0.376	0.378	0.378	0.382	0.384	0.387
Petroleum Subtotal	5.959	6.150	6.194	6.224	6.370	6.498	6.631	6.779	6.898	7.013	7.125	7.231	7.345	7.455	7.580
Natural Gas	1.438	1.427	1.422	1.445	1.479	1.512	1.543	1.567	1.601	1.632	1.653	1.681	1.709	1.740	1.765
Lease and Plant Fuel 6/	0.010	0.010	0.014	0.014	0.015	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.018	0.018	0.018
Pipeline Natural Gas	0.056	0.056	0.071	0.069	0.068	0.068	0.067	0.066	0.069	0.070	0.072	0.074	0.076	0.077	0.078
Natural Gas Subtotal	1.504	1.492	1.506	1.528	1.562	1.596	1.626	1.650	1.686	1.719	1.743	1.773	1.802	1.835	1.861
Metallurgical Coal	0.075	0.075	0.078	0.076	0.077	0.077	0.077	0.078	0.079	0.079	0.079	0.080	0.081	0.082	0.083
Other Coal	0.285	0.296	0.294	0.297	0.300	0.300	0.300	0.300	0.301	0.301	0.300	0.300	0.300	0.301	0.301
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.032	-0.074	-0.047	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.010	-0.010	-0.010	-0.010	-0.010	-0.010
Coal Subtotal	0.329	0.298	0.325	0.361	0.365	0.365	0.366	0.366	0.368	0.369	0.369	0.370	0.371	0.372	0.374
Renewable Energy 13/	0.516	0.537	0.531	0.541	0.550	0.557	0.563	0.568	0.574	0.580	0.584	0.589	0.594	0.600	0.606
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Electricity	2.577	2.653	2.731	2.771	2.833	2.907	2.971	3.038	3.107	3.179	3.240	3.306	3.374	3.446	3.513
Delivered Energy	10.884	11.130	11.287	11.425	11.680	11.923	12.156	12.401	12.634	12.859	13.062	13.268	13.488	13.709	13.934
Electricity Related Losses	5.043	5.033	5.158	5.188	5.149	5.214	5.302	5.391	5.346	5.432	5.443	5.490	5.578	5.692	5.821
Total	15.927	16.163	16.445	16.614	16.830	17.136	17.458	17.792	17.980	18.292	18.505	18.758	19.066	19.401	19.755
Electric Power 14/															
Distillate Fuel	0.075	0.051	0.081	0.054	0.057	0.060	0.068	0.076	0.074	0.076	0.077	0.076	0.074	0.073	0.072
Residual Fuel	0.426	0.439	0.428	0.430	0.265	0.256	0.260	0.266	0.260	0.267	0.272	0.270	0.270	0.269	0.271
Petroleum Subtotal	0.501	0.490	0.509	0.484	0.322	0.316	0.328	0.342	0.335	0.343	0.349	0.346	0.343	0.342	0.343
Natural Gas	0.677	0.777	0.613	0.589	0.656	0.692	0.693	0.754	0.776	0.815	0.873	0.922	0.962	1.016	1.070
Steam Coal	4.182	4.086	4.469	4.524	4.582	4.678	4.796	4.784	4.818	4.986	4.976	4.964	4.950	4.920	4.931
Nuclear Power	2.028	2.097	2.054	2.086	2.087	2.090	2.093	2.094	2.094	2.095	2.096	2.163	2.277	2.401	2.537
Renewable Energy/Other 15/	0.232	0.236	0.244	0.276	0.336	0.345	0.362	0.454	0.431	0.374	0.390	0.400	0.420	0.459	0.452
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	7.619	7.686	7.889	7.959	7.983	8.120	8.272	8.428	8.453	8.611	8.684	8.795	8.953	9.138	9.334

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

South Atlantic	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Energy Consumption															
Distillate Fuel	1.408	1.444	1.505	1.488	1.524	1.561	1.606	1.651	1.684	1.717	1.748	1.775	1.801	1.830	1.861
Kerosene	0.031	0.037	0.036	0.040	0.038	0.038	0.037	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.034
Jet Fuel 9/	0.333	0.343	0.343	0.353	0.366	0.375	0.386	0.400	0.413	0.421	0.428	0.435	0.442	0.449	0.458
Liquefied Petroleum Gas	0.158	0.165	0.166	0.165	0.170	0.171	0.173	0.176	0.178	0.181	0.184	0.186	0.188	0.190	0.193
Motor Gasoline 2/	3.405	3.468	3.479	3.518	3.612	3.696	3.785	3.873	3.948	4.017	4.084	4.154	4.228	4.295	4.371
Petrochemical Feedstocks	0.154	0.169	0.165	0.168	0.169	0.169	0.168	0.168	0.168	0.169	0.170	0.170	0.170	0.171	0.172
Residual Fuel	0.609	0.640	0.647	0.610	0.443	0.430	0.432	0.441	0.431	0.438	0.447	0.442	0.443	0.443	0.447
Other Petroleum 12/	0.361	0.376	0.362	0.365	0.369	0.374	0.373	0.376	0.374	0.376	0.378	0.378	0.382	0.384	0.387
Petroleum Subtotal	6.460	6.640	6.703	6.708	6.691	6.814	6.959	7.121	7.232	7.356	7.474	7.576	7.689	7.797	7.923
Natural Gas	2.115	2.203	2.035	2.034	2.135	2.204	2.236	2.321	2.377	2.446	2.526	2.604	2.672	2.756	2.834
Lease and Plant Fuel 6/	0.010	0.010	0.014	0.014	0.015	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.018	0.018	0.018
Pipeline Natural Gas	0.056	0.056	0.071	0.069	0.068	0.068	0.067	0.066	0.069	0.070	0.072	0.074	0.076	0.077	0.078
Natural Gas Subtotal	2.181	2.269	2.119	2.117	2.218	2.287	2.319	2.404	2.462	2.533	2.616	2.695	2.765	2.852	2.931
Metallurgical Coal	0.075	0.075	0.078	0.076	0.077	0.077	0.077	0.077	0.078	0.079	0.079	0.080	0.081	0.082	0.083
Other Coal	4.467	4.382	4.763	4.821	4.882	4.978	5.096	5.084	5.118	5.286	5.276	5.264	5.251	5.220	5.232
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.032	-0.074	-0.047	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.010	-0.010	-0.010	-0.010	-0.010	-0.010
Coal Subtotal	4.510	4.384	4.794	4.885	4.947	5.043	5.162	5.150	5.186	5.354	5.345	5.334	5.321	5.292	5.306
Nuclear Power	2.028	2.097	2.054	2.086	2.087	2.090	2.093	2.094	2.094	2.095	2.095	2.096	2.163	2.277	2.401
Renewable Energy 16/	0.748	0.773	0.774	0.818	0.886	0.902	0.925	1.022	1.006	0.954	0.974	0.989	1.014	1.059	1.058
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	15.927	16.163	16.445	16.614	16.830	17.136	17.458	17.792	17.980	18.292	18.505	18.758	19.066	19.401	19.755

Energy Use and Related Statistics

Delivered Energy Use	10.884	11.130	11.287	11.425	11.680	11.923	12.156	12.401	12.634	12.859	13.062	13.268	13.488	13.709	13.934
Total Energy Use	15.927	16.163	16.445	16.614	16.830	17.136	17.458	17.792	17.980	18.292	18.505	18.758	19.066	19.401	19.755
Population (millions)	54.422	55.266	56.059	56.858	57.660	58.465	59.282	60.107	60.938	61.779	62.628	63.484	64.348	65.220	66.099
US GDP (billion 2000 dollars)	10321	10756	11147	11513	11875	12288	12671	13043	13417	13793	14191	14622	15082	15575	16092
Carbon Dioxide Emissions (million metric tons)	5795	5900	5967	5978	6080	6182	6281	6365	6440	6536	6595	6654	6718	6794	6869

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

South Atlantic	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2004-2030
Energy Consumption														
Residential														
Distillate Fuel	0.062	0.060	0.058	0.056	0.054	0.051	0.049	0.047	0.044	0.042	0.040	0.038	0.036	-3.4%
Kerosene	0.025	0.024	0.024	0.023	0.022	0.022	0.021	0.020	0.020	0.019	0.018	0.018	0.017	-1.9%
Liquefied Petroleum Gas	0.105	0.106	0.108	0.109	0.110	0.111	0.112	0.113	0.115	0.116	0.118	0.119	0.120	1.2%
Petroleum Subtotal	0.192	0.191	0.190	0.188	0.186	0.184	0.183	0.180	0.179	0.177	0.176	0.174	0.173	-0.7%
Natural Gas	0.638	0.648	0.660	0.668	0.678	0.687	0.698	0.706	0.715	0.724	0.735	0.742	0.750	1.8%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.7%
Renewable Energy 1/	0.062	0.062	0.063	0.062	0.062	0.062	0.063	0.062	0.062	0.062	0.062	0.062	0.062	0.1%
Electricity	1.521	1.549	1.580	1.601	1.626	1.652	1.682	1.705	1.733	1.761	1.794	1.818	1.847	1.9%
Delivered Energy	2.415	2.451	2.493	2.520	2.553	2.587	2.627	2.655	2.690	2.726	2.768	2.797	2.833	1.6%
Electricity Related Losses	2.509	2.507	2.487	2.469	2.450	2.432	2.410	2.373	2.360	2.328	2.293	2.246	2.216	0.1%
Total	4.924	4.958	4.981	4.989	5.003	5.019	5.037	5.028	5.050	5.053	5.061	5.043	5.049	0.9%
Commercial														
Distillate Fuel	0.093	0.094	0.094	0.095	0.096	0.097	0.097	0.098	0.099	0.099	0.100	0.101	0.102	0.6%
Residual Fuel	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	-0.2%
Kerosene	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.6%
Liquefied Petroleum Gas	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.7%
Motor Gasoline 2/	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.5%
Petroleum Subtotal	0.131	0.132	0.133	0.134	0.135	0.136	0.137	0.137	0.138	0.139	0.140	0.141	0.142	0.5%
Natural Gas	0.465	0.474	0.483	0.492	0.502	0.511	0.520	0.529	0.539	0.549	0.559	0.570	0.581	2.0%
Coal	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	N/A
Renewable Energy 3/	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.0%
Electricity	1.393	1.429	1.466	1.504	1.543	1.583	1.625	1.666	1.710	1.754	1.801	1.850	1.894	2.8%
Delivered Energy	2.019	2.065	2.112	2.160	2.209	2.260	2.311	2.363	2.417	2.472	2.530	2.591	2.646	2.4%
Electricity Related Losses	2.298	2.313	2.308	2.319	2.324	2.331	2.327	2.320	2.329	2.319	2.302	2.285	2.272	1.0%
Total	4.318	4.378	4.420	4.479	4.533	4.591	4.638	4.682	4.747	4.791	4.833	4.875	4.918	1.7%
Industrial 4/														
Distillate Fuel	0.187	0.188	0.189	0.190	0.191	0.192	0.193	0.196	0.198	0.201	0.202	0.204	0.207	0.6%
Liquefied Petroleum Gas	0.059	0.059	0.059	0.060	0.060	0.061	0.061	0.062	0.063	0.063	0.064	0.064	0.065	0.5%
Petrochemical Feedstocks	0.174	0.176	0.176	0.177	0.178	0.179	0.181	0.182	0.183	0.185	0.186	0.187	0.189	0.4%
Residual Fuel	0.079	0.080	0.079	0.081	0.082	0.084	0.083	0.086	0.088	0.089	0.090	0.091	0.092	-0.7%
Motor Gasoline 2/	0.059	0.059	0.060	0.060	0.060	0.061	0.061	0.062	0.062	0.063	0.063	0.063	0.064	0.4%
Other Petroleum 5/	0.359	0.363	0.366	0.367	0.377	0.380	0.382	0.386	0.392	0.397	0.401	0.405	0.410	0.6%
Petroleum Subtotal	0.917	0.925	0.929	0.935	0.949	0.956	0.962	0.973	0.986	0.997	1.005	1.016	1.026	0.4%
Natural Gas	0.671	0.674	0.679	0.682	0.686	0.692	0.699	0.705	0.712	0.719	0.726	0.733	0.740	0.8%
Lease and Plant Fuel 6/	0.019	0.019	0.019	0.019	0.020	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	3.0%
Natural Gas Subtotal	0.689	0.693	0.698	0.701	0.706	0.712	0.719	0.725	0.732	0.740	0.747	0.754	0.761	0.9%
Metallurgical Coal	0.084	0.085	0.085	0.086	0.087	0.088	0.090	0.091	0.093	0.094	0.096	0.097	0.099	1.0%
Other Industrial Coal	0.290	0.290	0.290	0.290	0.290	0.290	0.291	0.291	0.292	0.293	0.293	0.294	0.294	0.1%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Net Coal Coke Imports	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.007	-0.007	-8.5%
Coal Subtotal	0.364	0.365	0.366	0.367	0.369	0.370	0.372	0.374	0.377	0.379	0.381	0.384	0.386	1.2%
Renewable Energy 7/	0.531	0.537	0.543	0.549	0.555	0.562	0.569	0.576	0.584	0.592	0.600	0.608	0.617	1.2%
Electricity	0.650	0.656	0.662	0.669	0.676	0.684	0.692	0.702	0.714	0.725	0.736	0.747	0.758	1.0%
Delivered Energy	3.151	3.177	3.198	3.221	3.254	3.284	3.314	3.351	3.393	3.433	3.470	3.509	3.548	0.8%
Electricity Related Losses	1.072	1.062	1.043	1.031	1.018	1.006	0.992	0.978	0.972	0.958	0.940	0.923	0.910	-0.7%
Total	4.224	4.239	4.241	4.253	4.272	4.291	4.306	4.328	4.365	4.391	4.410	4.432	4.458	0.5%

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2004-2030
South Atlantic														
Transportation														
Distillate Fuel 8/	1.479	1.510	1.544	1.580	1.618	1.658	1.701	1.744	1.791	1.841	1.891	1.943	1.997	2.5%
Jet Fuel 9/	0.465	0.472	0.475	0.479	0.482	0.486	0.489	0.493	0.497	0.501	0.506	0.512	0.519	1.6%
Motor Gasoline 2/	4.382	4.456	4.526	4.597	4.667	4.739	4.812	4.888	4.966	5.045	5.124	5.204	5.283	1.7%
Residual Fuel	0.091	0.091	0.092	0.093	0.093	0.094	0.094	0.095	0.095	0.096	0.096	0.097	0.098	0.7%
Liquefied Petroleum Gas	0.016	0.017	0.017	0.018	0.019	0.019	0.020	0.020	0.021	0.021	0.022	0.022	0.022	5.7%
Other Petroleum 10/	0.034	0.034	0.035	0.035	0.035	0.036	0.036	0.036	0.037	0.037	0.037	0.038	0.038	0.8%
Petroleum Subtotal	6.467	6.580	6.689	6.801	6.914	7.032	7.152	7.276	7.407	7.541	7.676	7.816	7.958	1.9%
Pipeline Fuel Natural Gas	0.079	0.080	0.080	0.080	0.079	0.079	0.078	0.077	0.077	0.076	0.075	0.074	0.074	1.1%
Compressed Natural Gas	0.014	0.015	0.015	0.016	0.016	0.017	0.017	0.017	0.018	0.018	0.019	0.019	0.020	5.9%
Renewable Energy (E85) 11/	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	7.0%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	N/A
Electricity	0.020	0.020	0.020	0.020	0.021	0.021	0.021	0.022	0.022	0.022	0.023	0.023	0.023	1.4%
Delivered Energy	6.581	6.696	6.806	6.918	7.031	7.149	7.270	7.394	7.525	7.659	7.795	7.934	8.077	1.9%
Electricity Related Losses	0.032	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.029	0.029	0.028	0.028	-0.3%
Total	6.614	6.728	6.838	6.950	7.063	7.180	7.300	7.424	7.555	7.689	7.823	7.963	8.104	1.9%
Delivered Energy Consumption, All Sectors														
Distillate Fuel	1.821	1.853	1.886	1.921	1.959	1.998	2.040	2.084	2.133	2.183	2.233	2.286	2.342	2.0%
Kerosene	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029	0.028	0.028	0.027	0.027	0.026	-1.3%
Jet Fuel 9/	0.465	0.472	0.475	0.479	0.482	0.486	0.489	0.493	0.497	0.501	0.506	0.512	0.519	1.6%
Liquefied Petroleum Gas	0.195	0.197	0.200	0.202	0.205	0.207	0.210	0.212	0.214	0.217	0.219	0.221	0.223	1.2%
Motor Gasoline 2/	4.449	4.523	4.594	4.664	4.735	4.808	4.881	4.957	5.036	5.115	5.195	5.275	5.355	1.7%
Petrochemical Feedstocks	0.174	0.176	0.176	0.177	0.178	0.179	0.181	0.182	0.183	0.185	0.186	0.187	0.189	0.4%
Residual Fuel	0.179	0.181	0.180	0.183	0.185	0.187	0.187	0.190	0.192	0.194	0.196	0.197	0.198	0.0%
Other Petroleum 12/	0.391	0.395	0.398	0.400	0.410	0.413	0.416	0.420	0.427	0.432	0.436	0.441	0.446	0.7%
Petroleum Subtotal	7.708	7.828	7.941	8.058	8.184	8.308	8.433	8.567	8.710	8.854	8.998	9.147	9.299	1.6%
Natural Gas	1.788	1.811	1.838	1.858	1.882	1.907	1.935	1.958	1.984	2.011	2.039	2.064	2.090	1.5%
Lease and Plant Fuel 6/	0.019	0.019	0.019	0.019	0.020	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	3.0%
Pipeline Natural Gas	0.079	0.080	0.080	0.080	0.079	0.079	0.078	0.077	0.077	0.076	0.075	0.074	0.074	1.1%
Natural Gas Subtotal	1.886	1.910	1.936	1.957	1.980	2.006	2.033	2.055	2.081	2.107	2.136	2.159	2.185	1.5%
Metallurgical Coal	0.084	0.085	0.085	0.086	0.087	0.088	0.090	0.091	0.093	0.094	0.096	0.097	0.099	1.0%
Other Coal	0.301	0.301	0.301	0.302	0.302	0.302	0.303	0.303	0.304	0.304	0.305	0.305	0.306	0.1%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Net Coal Coke Imports	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.007	-0.007
Coal Subtotal	0.376	0.377	0.378	0.379	0.380	0.382	0.384	0.386	0.388	0.391	0.393	0.395	0.397	1.1%
Renewable Energy 13/	0.613	0.619	0.625	0.631	0.638	0.644	0.651	0.659	0.666	0.675	0.683	0.690	0.699	1.0%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	N/A
Electricity	3.584	3.654	3.728	3.794	3.866	3.940	4.020	4.095	4.179	4.263	4.354	4.438	4.522	2.1%
Delivered Energy	14.167	14.388	14.609	14.820	15.048	15.280	15.522	15.762	16.026	16.290	16.563	16.831	17.103	1.7%
Electricity Related Losses	5.911	5.914	5.870	5.850	5.823	5.801	5.759	5.701	5.691	5.634	5.564	5.482	5.426	0.3%
Total	20.079	20.303	20.479	20.670	20.872	21.082	21.281	21.463	21.717	21.924	22.127	22.313	22.530	1.3%
Electric Power 14/														
Distillate Fuel	0.072	0.071	0.070	0.072	0.072	0.072	0.072	0.072	0.073	0.072	0.071	0.070	0.070	1.2%
Residual Fuel	0.275	0.278	0.276	0.277	0.281	0.283	0.281	0.285	0.291	0.289	0.290	0.292	0.291	-1.6%
Petroleum Subtotal	0.347	0.349	0.346	0.349	0.354	0.355	0.354	0.357	0.363	0.361	0.362	0.362	0.361	-1.2%
Natural Gas	1.121	1.148	1.152	1.144	1.122	1.111	1.095	1.100	1.088	1.056	1.024	0.979	0.960	0.8%
Steam Coal	4.982	4.998	5.022	5.082	5.138	5.200	5.234	5.241	5.310	5.389	5.441	5.492	5.518	1.2%
Nuclear Power	2.631	2.654	2.658	2.658	2.658	2.658	2.658	2.658	2.658	2.658	2.658	2.658	2.658	0.9%
Renewable Energy/Other 15/	0.415	0.419	0.420	0.411	0.418	0.417	0.438	0.439	0.450	0.432	0.432	0.428	0.452	2.5%
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Total	9.496	9.568	9.598	9.644	9.689	9.741	9.779	9.796	9.870	9.897	9.917	9.920	9.948	1.0%

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted)

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2004-2030	
South Atlantic															
Total Energy Consumption															
Distillate Fuel	1.893	1.924	1.956	1.993	2.031	2.070	2.113	2.157	2.205	2.256	2.305	2.357	2.411	2.0%	
Kerosene	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029	0.028	0.028	0.027	0.027	0.026	-1.3%	
Jet Fuel 9/	0.465	0.472	0.475	0.479	0.482	0.486	0.489	0.493	0.497	0.501	0.506	0.512	0.519	1.6%	
Liquefied Petroleum Gas	0.195	0.197	0.200	0.202	0.205	0.207	0.210	0.212	0.214	0.217	0.219	0.221	0.223	1.2%	
Motor Gasoline 2/	4.449	4.523	4.594	4.664	4.735	4.808	4.881	4.957	5.036	5.115	5.195	5.275	5.355	1.7%	
Petrochemical Feedstocks	0.174	0.176	0.176	0.177	0.178	0.179	0.181	0.182	0.183	0.185	0.186	0.187	0.189	0.4%	
Residual Fuel	0.454	0.459	0.456	0.460	0.466	0.469	0.468	0.474	0.483	0.482	0.486	0.489	0.490	-1.0%	
Other Petroleum 12/	0.391	0.395	0.398	0.400	0.410	0.413	0.416	0.420	0.427	0.432	0.436	0.441	0.446	0.7%	
Petroleum Subtotal	8.055	8.177	8.287	8.407	8.537	8.663	8.787	8.923	9.074	9.215	9.360	9.510	9.660	1.5%	
Natural Gas	2.909	2.959	2.990	3.002	3.004	3.019	3.031	3.059	3.073	3.068	3.065	3.044	3.051	1.3%	
Lease and Plant Fuel 6/	0.019	0.019	0.019	0.019	0.020	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	3.0%	
Pipeline Natural Gas	0.079	0.080	0.080	0.080	0.079	0.079	0.078	0.077	0.077	0.076	0.075	0.074	0.074	1.1%	
Natural Gas Subtotal	3.007	3.058	3.089	3.101	3.103	3.117	3.129	3.157	3.170	3.164	3.161	3.139	3.146	1.3%	
Metallurgical Coal	0.084	0.085	0.085	0.086	0.087	0.088	0.090	0.091	0.093	0.094	0.096	0.097	0.099	1.0%	
Other Coal	5.283	5.299	5.323	5.384	5.439	5.502	5.537	5.544	5.614	5.693	5.746	5.798	5.824	1.1%	
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	
Net Coal Coke Imports	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.007	-0.007	-8.5%	
Coal Subtotal	5.357	5.375	5.400	5.461	5.518	5.582	5.618	5.627	5.699	5.780	5.834	5.888	5.915	1.2%	
Nuclear Power	2.631	2.654	2.658	2.658	2.658	2.658	2.658	2.658	2.658	2.658	2.658	2.658	2.658	0.9%	
Renewable Energy 16/	1.028	1.038	1.045	1.042	1.056	1.061	1.089	1.098	1.117	1.117	1.107	1.115	1.118	1.151	1.5%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	N/A	
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	
Total	20.079	20.303	20.479	20.670	20.872	21.082	21.281	21.463	21.717	21.924	22.127	22.313	22.530	1.3%	

Energy Use and Related Statistics

Delivered Energy Use	14.167	14.388	14.609	14.820	15.048	15.280	15.522	15.762	16.026	16.290	16.563	16.831	17.103	1.7%
Total Energy Use	20.079	20.303	20.479	20.670	20.872	21.082	21.281	21.463	21.717	21.924	22.127	22.313	22.530	1.3%
Population (millions)	66.986	67.881	68.785	69.700	70.628	71.569	72.524	73.491	74.469	75.455	76.451	77.458	78.475	1.4%
US GDP (billion 2000 dollars)	16599	17064	17541	18021	18515	19026	19562	20123	20701	21286	21871	22482	23112	3.0%
Carbon Dioxide Emissions (million metric tons)	6952	7030	7119	7206	7296	7387	7494	7587	7690	7799	7912	8019	8114	1.2%

Table 5. Energy Consumption by Sector and Source

(quadrillion Btu, unless otherwise noted)

South Atlantic

1/ Includes wood used for residential heating. See Annual Energy Outlook 2006 Appendix A Table 4 and/or Table 17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power. See Annual Energy Outlook 2006 Appendix A Table 17 for estimates of nonmarketed renewable energy consumption for solar thermal hot water heating and solar photovoltaic electricity generation.

4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in the field gathering and processing plant machinery.

7/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass.

8/ Diesel fuel for on- and off-road use.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2003 and 2004 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2003 and 2004 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2004, DOE/EIA-0384(2004) (Washington, DC, August 2005). 2003 and 2004 population and gross domestic product: Global Insight macroeconomic model CTL0805. 2003 and 2004 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2004, DOE/EIA-0573(2004) (Washington, DC, December 2005). Projections: EIA, AEO2006 National Energy Modeling System run aeo2006.d111905a.